

## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

W. Lubitz, et al.

Group Art Unit: 1645

Serial Number: 09/117,447

Examiner: N. Minnifield

Filed: December 2, 1998

Attorney Dkt. No.: 100564-08013

For: RECOMBINANT EXPRESSION OF S-LAYER PROTEINS

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Amend22/1/02  
Ainda  
1/8/02

## SECOND AMENDMENT UNDER 37 CFR § 1.116

Commissioner for Patents  
Washington, D.C. 20231

January 3, 2002

Sir:

This Second Amendment under 37 C.F.R. § 1.116 is being filed in response to the final Office Action of July 16, 2001 and the Advisory Action of November 6, 2001 for the above-referenced application, along with a three-month Petition for Extension of Time, making the response due on or before January 16, 2002.

Please amend the application as follows. A copy of the marked-up relevant portion of claims is attached to this response showing the changes as set forth in amended 37 C.F.R. § 1.121.

IN THE CLAIMS:

Please amend claims 1, 15 and 66 as follows:

1. (Twice Amended) A process for production of a crystalline S-layer protein comprising
- (a) transforming a gram-negative prokaryotic host cell with a full-length nucleic acid encoding an S-layer protein selected from the group consisting of